

Infinisolar V II 5KW

- * *inbuilt WiFi 4G with MOBILE app*
- * *Netmetering standards compliance*
- * *Data Logging & Storage Portal*
- * *Compatible with Lithium batteries*



- Pure sine wave output
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Monitoring software for real-time status display and control
- Parallel operation up to 9 units

Infinisolar V II 5KW On-Grid Inverter With Energy Storage Specification

MODEL	InfiniSolar V II 5KW
PHASE	1-phase in / 1-phase out
Max. PV Array Power	5000W
Rated Output Power	5000W
Maximum PV Array Open Circuit Voltage	450 VDC
MPPT Range @ Operating Voltage	120 VDC ~ 430 VDC
MPP Tracker Number	1
GRID-TIE OPERATION	
GRID OUTPUT (AC)	
Nominal Output Voltage	230 VAC
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)
Nominal Output Current	22A
Power Factor	> 0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	96%
OFF-GRID, HYBRID OPERATION	
GRID INPUT	
Nominal Output Voltage	230 VAC
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
BATTERY MODE OUTPUT (AC)	
Output Voltage Regulation	230VAC ± 5%
Output Waveform	Pure sine wave
Efficiency (DC to AC)	90%
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	120 x 295 x 468
Net Weight (kgs)	11.0
INTERFACE	
Communication Ports	USB and RS-232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C

Product specifications are subject to change without further notice.